Author Index

Abdelhadi, A. A., Elkheir, Y. M., Hassan, T. and Mustafa, A. A. Neuromuscular blocking activity of a crude aqueous extract of <i>Ipomoea fistulosa</i>	169
Abraham, J., see Kuruvilla, A.	
Adam, W. R., Culvenor, A. J., Hall, J., Jarrott, B. and Wellard, R. M. Aromatic	
L-amino acid decarboxylase: Histochemical localization in rat kidney and lack of effect	
of dietary potassium or sodium loading on enzyme distribution	47
Aizawa, T., see Katakura, A.	
Alade, P. I., see Majewski, H	
AL-Ani, M.A., see AL-Waili, N.S.	
AL-Waili, N. S. Diclofenac sodium in the treatment of primary nocturnal enuresis:	
Double-blind crossover study	139
AL-Waili, N. S. Prostaglandin synthetase inhibition with indomethacin rectal	1.32
suppositories in the treatment of acute and chronic urinary calculus obstruction	195
	193
AL-Waili, N. S. Treatment of diabetes mellitus by Artemisia herba-alba extract:	560
Preliminary study	569
AL-Waili, N. S. and AL-Ani, M. A. Allogeneic transfusion of macrophages in acute	
urinary tract infection	173
Alcorn, D., see Wong, T.	
Alemany, M., see Mas, A.	
Ali, B. H., Czarnecki, C. M. and EL Halawani, M. E. Influence of ethanol	
treatment on the plasma concentrations of prolactin and luteinizing hormone in turkeys	
(Meleagris gallopavo)	823
Allen, T. J., see Cooper, M.E.	
Angus, J. A., see Hiwatari, M.	
Angus, J. A., see Wright, C. E.	
Angus, J. A., Wright, C. E., Cocks, T. M., Satoh, K. and Campbell G. Endothelium-	
dependent relaxation is unaltered by hypertension, cholesterol or intimal thickening	289
Armsworth, S. J., Gerkens, J. F. and Smith, A. J. Frusemide inhibition of sympathetic	
vasoconstriction in the rat in situ blood perfused mesentery	495
Arola, Ll., see Mas, A.	
Atef, M., Shalaby, M. A., El-Sayed, M. G. A., El-Din, S., Youssef, A. H. and El-	
Sayed, M. A. I. Influence of monensin on fertility in rats	113
Atkinson, J., Luthi, P., Sonnay, M. and Boillat, N. Effect of acute administration of	
prazosin on blood pressure, heart rate and plasma renin level in the conscious hyperten-	
sive rat	535
Barer, G., see Wach, R. A.	200
Baxter, J. N., see Jenkins, S. A.	
Bee, D., see Wach, R. A.	
Rollin I I see Codde I P	

Beilin, L. J., see Puddey, I. B.	
Bevan, J. A., see Oriowo, M. A.	
Boillat, N., see Atkinson, J.	
Bongiovi, S., see Semplicini, A.	
Borst, C., see Eijzenbach, V.	
Boura, A. L. A., Gude, N. M., King, R. G., Mak, K. KW. and Walters, W. A. W. Characterization of thromboxane A ₂ receptors in the hūman fetal placental vessels and umbilical vein	83
Boura, A. L. A., see Rechtman, M. P.	
Bramley, P. M., Paulin, J. M. and Millar, J. A. Influence of age, sex and weight on measurements of intracellular Na^* and K^* in essential hypertension	347
Brent, P. J., see Henry, D. A.	
Brodecky, V., see Ritchie, B. C.	
van den Buuse, M., Versteeg, D. H. G. and de Jong, W. Brain noradrenaline and the development of hypertension: The effect of treatment with central 6-hydroxydopamine	
or DSP-4	469
Cain, M. D., see Morris, M. J.	
Campbell, G., see Angus, J. A.	
Carlson, C. J., see Mickelson, J. K.	
Castellani, D., see Fagan, S. C.	
Catanzaro, D. F., see Morris, B. J.	
Chadwick, K. J., see Raff, H.	
Chalmers, J. P., see Morris, M. J.	
Chang, P. and Geh, S. L. Effect of sodium nitroprusside on the biophase concentration of	
p-tubocurarine at the neuromuscular junction	433
Cheah, L. S., see Gwee, M. C. E.	
Cherian, R., see Ku. avilla, A.	
Chiba, S., see Iwatsuki, K.	
Chiba, S., see Yamagishi, F.	
Choong, Y. S., see Lee, S. P.	
Christophidis, N., Rostein, A. and Louis, W. J. Acute and chronic pharmacokinetic studies of slow release ketoprofen (Oruvail) in rheumatoid arthritis	555
Christophidis, N., see Cosolo, W.	
Chua, M. E., see Sim M. K.	
Cocks, T. M., see Angus, J. A.	
Codde, J. P., Croft, K. D. and Beilin, L. J. The effect of salt loading on blood pressure and eicosanoid metabolism of spontaneously hypertensive rats fed a fish oil enriched	251
diet	371
Connell, J. M. C., see Whitworth, J. A.	
Cooksley, W. G. E., see George, J.	
Cooper, M. E., Allen, T. J., Jerums, G. and Doyle, A. E. Accelerated progression of diabetic nephropathy in the spontaneously hypertensive streptozotocin diabetic rat Cosolo, W., Christophidis, N., Drummer, O. H. and Findlay, D. M. Studies on the cyto-	655
toxicity of penicillamine in a rat osteogenic sarcoma	737
Creese, B. R. and Temple, D. M. The mediators of allergic contraction of human air-way	,
smooth muscle: A comparison of bronchial and lung parenchymal strip preparations	103

767

Crist, D. M., Peake, G. T. and Stackpole, P. J. Lipemic and lipoproteinemic effects of	
natural and synthetic androgens in humans	513
Croft, K. D., see Codde, J. P.	
Cubela, R., see Jackson, B.	
Culvenor, A. J., see Adam, W. R.	
Czarnecki, C. M., see Ali, B. H.	
Dai, S., see Hui, S-C. G.	
Dan, R., see Merican, Z.	
DeGaris, R. M. and Pennefather, J. N. Sympathetic denervation of the rat vas deferens following unilateral vasectomy	399
Debrevi, L., see Jackson, B.	
Devitt, P., see Jenkins, S. A.	
Dewar, E., see Laufer, E.	
Di Nicolantonio, R., Stevens, J., Weaver, D. and Morgan, T. O. Captopril antagonized	
the hypotensive action of atrial natriuretic peptide in the anaesthetized rat	311
Dodd, P. R., Watson, W. E. J. and Johnston, G. A. R. Adenosine receptors in post-	
mortem human cerebral cortex and the effect of carbamazepine	711
Dosen, P. J., see Henry, D. A.	
Doyle, A. E. Editorial Clinical and Experimental Pharmacology & Physiology	575
Doyle, A. E., Harrap, S. B. and Torresi, J. Pressor sensitivity to angiotensin I and angio-	563
tensin II during the development of experimental renal hypertension in the rat	563
Doyle, A. E., see Cooper, M. E.	
Doyle, A. E., see Harrap, S. B.	
Drummer, O. H., see Cosolo, W.	
Dubbin, P. N., see Macdonald, P. S.	
Dusting, G. J., see Macdonald, P. S.	
Ebong, O. O. Influence of lowered temperature upon the response of prostatic and	
epididymal portion of the rat isolated vas deferens to field stimulation	9
Eijzenbach, V., Sneek, J. H. J. and Borst, C. Arterial pressure and heart period in the	
conscious rabbit: diurnal rhythm and influence of activity	585
Eisenhofer, G., see Zimlichman, R.	
El-Din, S., see Atef, M.	
Elghozi, JL., see Saad, M. A. A.	
EL Halawani, M. E., see Ali, B. H.	
Elkheir, Y. M., see Abdelhadi, A. A.	
Elliott, J. M., see Morris, M. J.	
El-Sayed, M. A. I., see Atef, M.	
El-Sayed, M. G. A., see Atef, M.	
Fagan, S. C., Castellani, D. and Gengo, F. M. Prostanoid concentrations in human CSF	
following acute ischaemic brain infarction	629
Fater, D. C., see Fregly, M. J.	
Fennessy, M. R., see Stewart, A. G.	
Findlay, D. M., see Cosolo, W.	
Fraser, R., see Whitworth, J. A.	
Fregly, M. J. and Fater, D. C. Prevention of DOCA-induced hypertension in rats by	

chronic treatment with tryptophan

	Funder, J. W., see Pearce, P. T.	
	Funder, J. W., see Quirk, S. J.	
	Gannell, J. E., see Quirk, S. J.	
	Geh, S. L., see Chang, P.	
	Gehrke, A., see Ratge, D.	
	Gengo, F. M., see Fagan, S.C.	
	George, J., Murphy, T., Roberts, R., Cooksley, W. G. E., Halliday, J. W. and Powell	
	L. W. Influence of alcohol and caffeine consumption on caffeine elimination	731
	Gerkens, J. F., see Armsworth, S. J.	
	Gerkens, J. F., see Henry, D. A.	
	Gill, G. W., see Wach, R. A.	
	Goldstein, D. S., see Zimlichman, R.	
	Gomez-Sanchez, C. E., see Gordon, R. D.	
	Gordon, R. D. The syndrome of hypertension and hyperkalaemia with normal GFR. A	
	unique pathophysiological mechanism for hypertension?	329
-	Gordon, R. D., Hamlet, S. M., Tunny, T. J., Gomez-Sanchez, C. E. and Jayasinghe, L.	
	S. Distinguishing aldosterone-producing adenoma from other forms of	
	hyperaldosteronism and lateralizing the tumour pre-operatively	325
,	Gordon, R. D., see Tunny, T. J.	
-	Graham, W. F., see Ludbrook, J.	
+	Grinpukel, S. A., see Sewell, R. B.	
-	Gude, N. M., see Boura, A. L. A.	
-	Gwee, M. C. E., Cheah, L. S. and Shoon, M. L. Cimetidine and ranitidine: a study of	
	competitive and ion-channel blockade in the toad isolated rectus abdominis muscle	613
-	Gwee, M. C. E., see Wong, P. TH.	
-	Gwee, M. C. E., see Yoong, Y. L.	
	Hall, J., see Adam, W. R.	
	Halliday, J. W., see George, J.	
,	Hamilton, C. A., see Vincent, J.	
,	Hamlet, S. M., see Gordon, R. D.	
1	Hara, A., see Nagai, H.	
,	Harrap, S. B., Nicolaci, J. A. and Doyle, A. E. Persistent effects on blood pressure and	
	renal haemodynamics following chronic angiotensin converting enzyme inhibition with	
	Perindopril	753
1	Harrap, S. B., see Doyle, A. E.	
1	Harris, P. J., Mitchell, K. D. and Munro, J. O. Sar ¹ -leu ³ -angiotensin II reverses the effects	
	of captopril on renal function in rats	77
1	Harris, P. J., see Zhuo, J.	
1	Haruta, K., see Yamagishi, F.	
1	Hassan, T., see Abdelhadi, A. A.	
1	Henry, D. A., Gerkens, J. F., Brent, P. J. and Dosen, P. J. Omeprazole: Effects on oxi-	
	dative drug metabolism in the rat	377
	Higgins, B. A., see Tunny, T. J.	
1	Hiwatari, M., Satoh, K., Angus, J. A. and Johnston, C. I. No effect of atrial natriuretic	
	factor on cardiac rate, force and transmitter release	163
1	Homma, N., see Yamagishi, F.	

Howe, P. R. C., Rogers, P. F., Smith, R. M. and Jureidini, K. F. Effects of short-term modification of dietary sodium intake on plasma catecholamines and blood pressure in	205
pre-hypertensive children	305
Hui, S-C. G. and Ogle, C. W. Captopril does not potentiate hypotension and algesia by	010
substance P	819
Hui, S-C. G., Dai, S. and Ogle, C. W. Mechanisms of captopril-induced potentiation of	
the depressor responses to arachidonic acid in rats	123
Hutchinson, J. S., see Sim, M. K. Ishac F. J. N., see Rechtman, M. P.	
Iwan , V., see Young, M. S.	
Iwat. ki, K., Yamagishi, F. and Chiba, S. Effects of a synthesized phosphodiesterase	
inhibitor, ZSY-27, on pancreatic exocrine secretion of the dog	487
Iwatsuki, K., Yamagishi, F. and Chiba, S. Effects of substance P on pancreatic exocrine	
secretion stimulated by secretin, dopamine and cholecystokinin in dogs	663
Iwatsuki, K., see Yamagishi, F.	
Jackson, B., Cubela, R. and Johnston, C. I. Characterization of angiotensin converting	
enzyme from rat tissue by radio-inhibitor binding studies	681
Jackson, B., Debrevi, L., Cubela, R., Whitty, M. and Johnston, C. I. Preservation of	
renal function in the rat remnant kidney model of chronic renal failure by blood	
pressure reduction	319
Jarrott, B., see Adam, W. R.	
Jayasinghe, L. S., see Gordon, R. D.	
Jenkins, S. A., Baxter, J. N., Devitt, P. and Shields, R. Effects of total and selective por-	
tasystemic shunting on hepatic haemodynamics and some aspects of liver function in	
the cirrhotic rat	671
Jenkins, S. A., Taylor, A., Johnson, J., Shimirty, S. K., Baxter, J. N. and Shields, R. A	
comparison of the effects of end-to-side portacaval shunting and side-to-side mesocaval	447
shunting on hepatic haemodynamics in the dog	447
Jennings, G., see Laufer, E.	
Jerums, G., see Cooper, M. E.	
Johnson, J., see Jenkins, S. A.	
Johnston, C. I., see Hiwatari, M.	
Johnston, C. I., see Jackson, B.	
Johnston, C. I., see Leung, E.	
Johnston, G. A. R., see Dodd, P. R.	
de Jong, W., see Kuijpers, M. H. M. de Jong, W., see van den Buuse, M.	
Jureidini, K. F., see Howe, P. R. C.	
Kanatsu, K., see Nagai, H.	
Kanayama, Y., see Kawarabayashi, T.	
Kangawa, K., see Kondo, K.	
Kapoor, V., see Morris, M. J.	
Katakura, M., Koizumi, Y., Aizawa, T., Takasu, N., Yamada, T., Yukimura, Y. and	
Nagata, H. Thyroidal response to an increase or decrease of endogenous TSH in	
patients with hyperthyroidism and its correlation with TSH binding inhibiting	
immunoglobulin	407

Kato, J., see Kondo, K.

Kawai, C., see Nagai, H. Kawarabayashi, T., Yasunari, K., Kanayama, Y., Takeuchi, K. and Takeda, T. Erythrocyte water content in spontaneously hypertensive rats and DOCA-salt hypertensive rats 783 Keiser, H. R., see Zimlichman, R. Khalid, B. A. K., see Merican, Z. Kida, O., see Kondo, K. King, R. G., see Boura, A. L. A. King, R. G., see Rechtman, M. P. Koizumi, Y., see Katakura, M. Kondo K., Kida, O., Kangawa, K., Matsuo, H. and Tanaka, K. Natriuretic and hypotensive effects of α-human atrial natriuretic polypeptide in anaesthetized DOCA-salt 97 hypertensive rats Kondo, K., Kida, O., Sasaki, A., Kato, J. and Tanaka, K. Natriuretic effect of chronically administered α-human atrial natriuretic polypeptide in sodium depleted or repleted conscious spontaneously hypertensive rats 417 Kono, T., see Nagai, H. Korner, P., see Laufer, E. Korner, P. I., see Wright, C. E. Kotecha, N. and Neild, T. O. Effects of endothelium-derived relaxing factor on the smooth muscle of the rat tail artery 249 Krumpl, G., see Mayer, N. Kuijpers, M. H. M., Provoost, A. P. and de Jong, W. Development of hypertension and proteinuria with age in fawn-hooded rats 201 Kuromaru, O. and Sakai, K. Cardiovascular effects of isosorbide dinitrate infused intravenously into anaesthetized dogs 619 Kuruvilla, A., Cherian, R., Theodore, D. R. and Abraham, J. Temporal profile of tissue levels of dopamine and its metabolites, HVA and DOPAC, following focal cerebral ischaemia in anaesthetized primates 519 Laufer, E., Jennings, G., Dewar, E., McKenzie, A. and Korner, P. Echocardiographic measurement of left ventricular hypertrophy in treated essential hypertension 295 Lee, A. Y. S. and Wong, T. M. Naloxone attenuates augmentation of cAMP levels and arrhythmias following myocardial ischaemia and reperfusion in the isolated perfused rat 707 Lee, A. Y. S., Unang, T. W. K. and Wong, T. M. Prevention and reversal of ouabaininduced cardiotoxicity by naloxone in the guinea-pig 55 Lee, H. S., see Yoong, Y. L. Lee, S. P., Paxton, J. W. and Choong, Y. S. Plasma and biliary disposition of pirenzepine 241 Leung, E., Johnston, C. I. and Woodcock, E. A. Stimulation of phosphatidylinositol metabolism in the heart 359 Lever, A. F., see Whitworth, J. A. Lew, R. and Summers, R. J. Autoradiographic analysis of (-)-[125I]-CYP binding in mouse kidney 211 Liu, Z., see Sabbah, H. N. Louis, W. J., see Christophidis, N.

Ludbrook, J., Graham, W. F. and Potocnik, S. J. Effects of acute versus chronic deletio of arterial baroreceptor input on the cardiovascular responses to exercise in the rabb	
Ludbrook, J., see Rutter, P. C.	
Luthi, P., see Atkinson, J.	
Macdonald, P. S., Dubbin, P. N. and Dusting, G. J. Endothelium-dependent vasodilate tion in bovine coronary arteries: calcium dependence and inhibition by proadifen	335
Majewski, H., Alade, P. I. and Rand, M. J. Adrenaline and stress-induced increases in	n
blood pressure in rats	283
Mak, K. KW., see Boura, A. L. A.	
Margaretten, W., see Mickelson, J. K.	
Martin, J. S. and Tansy, M. F. Comparison of the inhibitory effects of spermine papaverine and adrenaline upon isolated segments of the rat small intestine Marwood, J. F. and Stokes, G. S. Studies on the vasodilator actions of bucindolol in the	87
rat	59
Marzilli, M., see Sabbah, H. N.	33
Mas, A., Peligero, M. J., Arola, Ll. and Alemany, M. Distribution and kinetics of in	1-
jected nickel in the pregnant rat	91
Matsumura, Y., see Morimoto, S.	71
Matsunaga, M., see Nagai, H.	
Matsuo, H., see Kondo, K.	
Mayer, N., Krumpl, G., Schneider, W. and Raberger, G. Propranolol ameliorate	ec.
exercise-induced regional myocardial dysfunction in dogs	791
McGiff, J. C., see Miller, M. J. S.	122
McKenzie, A., see Laufer, E.	
McNally, M., see Pearce, P. T.	
McNeill, H., see Miller, M. J. S.	
Melzner, I., see Ratge, D.	
Merican Z., see Rajikin, M. H.	
Merican Z., Morat, P., Dan, R. and Khalid, B. A. K. Further evidence of the role of cycli	c
AMP as a mediator of the depressant effects of β -adrenoceptor agonists an phosphodiesterase inhibitors on slow-contracting mammalian skeletal muscles	
Meyer, P., see Saad, M. A. A.	***
Mickelson, J. K., Carlson, C. J., Margaretten, W. and Rapaport, E. Streptokinase alter	S
myocardial creatine kinase depletion after ischaemia and reperfusion in rabbits	637
Millar, J. A., see Bramley, P. M.	001
Miller, M. J. S., Westlin, W. F., McNeill, H. and McGiff, J. C. Renal prostaglandin el	f-
flux induced by vasopressin, dDAVP and arachidonic acid: contrasting profile and site of release	
Miller, R., see Verma, P.	5,1
Mitchell, K. D., see Harris, P. J.	
Miyawaki, N., see Morimoto, S.	
Morat, P., see Merican, Z.	

Morat, P., see Rajikin, M. H. Morgan, T. O., see Di Nicolantonio, R. Morgan, T. O., see Wong, T.

Morimoto, S., Miyawaki, N., Sasaki, Y. and Matsumura, Y. Effects of arotinolol, an α - and β-adrenoceptor antagonist, on renin release from rat kidney cortical slices 505
and β -adrenoceptor antagonist, on renin release from rat kidney cortical slices 505 Morris, B. J. and Catanzaro, D. F. Evolution of renin 365
Morris, M. J., Elliott, J. M., Cain, M. D., Kapoor, V., West, M. J. and Chalmers, J.
P. Plasma neuropeptide Y levels rise in patients undergoing exercise tests for the in-
vestigation of chest pain 437
Moulds, R. F. W., see Young, M. S.
Mozzato, M. G., see Semplicini, A.
Munro, J. O., see Harris, P. J.
Murphy, T., see George, J.
Mustafa, A. A., see Abdelhadi, A. A.
Mzail, A. H. K. and Noble, A. R. Haemorrhage-induced secretion of active and inactive
renin in conscious and pentobarbitone-anaesthetized sheep 131
Mzail, A. H. K. and Noble, A. R. Verapamil-induced secretion of active and inactive renin
in conscious sheep 187
Nagai, H., Matsunaga, M., Ogawa, K., Pak, C. H., Kanatsu, K., Hara, A., Kono, T. and
Kawai, C. Dynamic changes in plasma inactive renin levels in Bartter's syndrome after
administration of captopril and angiotensin II
Nagata, H., see Katakura, M.
Neild, T. O., see Kotecha, N.
Nicolaci, J. A., see Harrap, S. B.
Noble, A. R., see Mzail, A. H. K.
Noble, S., see Verma, P.
Ogawa, K., see Nagai, H.
Ogle, C. W., see Hui, S-C. G.
Oriowo, M. A. and Bevan, J. A. Effect of calcium withdrawal and agents affecting
calcium translocation on agonist-induced contractions of the rabbit ovarian artery 801
Ozawa, T., see Suzuki, K.
Pak, C. H., see Nagai, H.
Paulin, J. M., see Bramley, P. M.
Paxton, J. W., see Lee, S. P.
Peake, G. T., see Crist, D. M.
Pearce, P. T., McNally, M. and Funder, J. W. Nuclear localization of Type 1 aldosterone
bindings sites in steroid-unexposed GH ₃ cells 647
Peligero, M. J., see Mas, A.
Pennefather, J. N., see DeGaris, R. M.
Perissinotto, F., see Semplicini, A.
Pessina, A. C., see Semplicini, A.
Potocnik, S. J., see Ludbrook, J.
Potocnik, S. J., see Rutter, P. C.
Powell, L. W., see George, J.
Provoost, A. P., see Kuijpers, M. H. M.
Puddey, I. B., Beilin, L. J. and Vandongen R. The effect of regular alcohol use on blood
pressure control in treated hypertensive subjects: A controlled study 315
Quirk, S. J., Gannell, J. E. and Funder, J. W. Adrenocorticoid-dependent α -lactal bumin
synthesis in rat mammary gland explants: Antagonist studies 233

Raberger, G., see Mayer, N.	
Raff, H. and Chadwick, K. J. Aldosterone responses to ACTH during hypoxia in con-	
scious rats	82
Rajikin, M. H., Merican, Z. and Morat, P. The effects of 4-methyl-2-thiouracil on fibre	
type and cross-sectional area in the soleus muscle of the rat	723
Rand, M. J., see Majewski, H.	
Rand, M. J., see Ziogas, J.	
Rapaport, E., see Mickelson, J. K.	
Ratge, D., Gehrke, A., Melzner, I. and Wisser, H. Free and conjugated catecholamines in	
human plasma during physical exercise	543
Rechtman, M. P., Ishac, E. J. N., Boura, A. L. A., King, R. G. and Walters, W. A.	
W. Attenuation of pressor responses to sympathetic stimuli in the rat by enalapril	69
Reid, J. L. see Vincent, J.	
Ritchie, B. C., Brodecky, V., Scott, A. and Wilkinson, M. H. The effect of high frequency	
oscillatory ventilation on extravascular lung water in the rabbit	81
Roberts, R., see George, J.	
Rogers, P. F., see Howe, P. R. C.	
Rossi, G. P., see Semplicini, A.	
Rotstein, A., see Christophidis, N.	
Rutter, P. C., Potocnik, S. J. and Ludbrook, J. Factors influencing the effects of intra-	
venous naloxone on arterial pressure and heart rate after haemorrhage in conscious rabbits	383
Ryan, G. B., see Wong, T.	
Saad, M. A. A., Elghozi, JL. and Meyer, P. Baroreflex sensitivity alteration following trans-	
ient hemispheric ischaemia in rats: Protective effect of alphamethyldopa and guanfacine	525
Sabbah, H. N., Marzilli, M., Liu, Z. and Stein, P. D. Relation of intramyocardial	
pressure to coronary pressure at zero flow	47
Sakai, K., see Kuromaru, O.	
Sama, B., see Semplicini, A.	
Sasaki, A., see Kondo, K.	
Sasaki, Y., see Morimoto, S.	
Satake, T., see Suzuki, K.	
Satoh, K., see Angus, J. A.	
Satoh, K., see Hiwatari, M.	
Schneider, W., see Mayer, N.	
Scott, A., see Ritchie, B. C.	
Scroop, G. C., see Wilkinson, D. L.	
Semplicini, A., Rossi, G. P., Bongiovì, S., Perissinotto, F., Sama, B., Mozzato, M. G. and	
Pessina, A. C. Time course of changes in blood pressure, aldosterone and body fluids	
during enalapril treatment: A double-blind randomized study vs hydrochlorothiazide	
plus propranolol in essential hypertension	1
Sewell, R. B., Grinpukel, S. A. and Yeomans, N. D. Ethanol impairs biliary lysosomal en-	
zyme release in rats	745
Shalaby, M. A., see Atef, M.	
Shields, R., see Jenkins, S. A.	
Shimirty, S. K., see Jenkins, S. A.	
Shoon, M. L., see Gwee, M. C. E.	

Sim, M. K. and Chua, M. E. Inhibition of acetylcholinesterase by various opioids Sim, M. K., Hutchinson, J. S. and Chua, M. E. Effects of captopril on the sleep EEG of	159
spontaneously hypertensive rats	259
Skinner, S. L., see Zhuo, J.	
Smith, A. J., see Armsworth, S. J.	
Smith, R. M., see Howe, P. R. C.	
Sneek, J. H. J., see Eijzenbach, V.	
Sonnay, M., see Atkinson, J.	
Stackpole, P. J., see Crist, D. M.	
Stein, P. D., see Sabbah, H. N.	
Stevens, J., see Di Nicolantonio, R.	
Stewart, A. G. and Fennessy, M. R. Characterization of substance P-induced broncho-	
constriction in the guinea-pig: A comparison with acetylcholine	223
Stokes, G. S., see Marwood, J. F.	223
Story, D. F., see Ziogas, J.	
Stull, R., see Zimlichman, R.	
Suggett, A. J., see Wach, R. A.	
Sugiyama, S., see Suzuki, K.	
Summers, R. J., see Lew, R.	
Suzuki, K., Takagi, K., Satake, T., Sugiyama, S. and Ozawa, T. The relationship between	
tissue levels of cyclic GMP and tracheal smooth muscle relaxation in the guinea-pig	39
Takagi, K., see Suzuki, K.	32
Takasu, N., see Katakura, M.	
Takeda, T., see Kawarabayashi, T.	
Takeuchi, K., see Kawarabayashi, T.	
Tanaka, K., see Kondo, K.	
Tansy, M. F., see Martin, J. S.	
Taylor, A., see Jenkins, S. A.	
Temple, D. M., see Creese, B. R.	
Theodore, D. R., see Kuruvilla, A.	
Torresi, J., see Doyle, A. E.	
Tunny, T. J., Higgins, B. A. and Gordon, R. D. Plasma levels of atrial natriuretic peptide	
	341
Tunny, T. J., see Gordon, R. D.	341
Unang, T. W. K., see Lee, A. Y. S.	
Vandongen, R., see Puddey, I. B.	
Verma, P., Noble, S. and Miller, R. Effect of L-thyroxine on serum angiotensin converting	
	609
Versteeg, D. H. G., see van den Buuse, M.	003
Vincent, J., Hamilton, C. A. and Reid, J. L. The cardiovascular effects of trimazosin and	
	593
Wach, R. A., Gill, G. W., Suggett, A. J., Bee, D. and Barer, G. Action of almitrine	393
bismesylate on ventilation-perfusion matching in cats and dogs with part of the lung hypoventilated	453
Walters, W. A. W., see Boura, A. L. A.	733
Walters, W. A. W. see Rechtman, M. P.	

Watson, W. E. J., see Dodd, P. R.	
Weaver, D., see Di Nicolantonio, R.	
Wellard, R. M., see Adam, W. R.	
West, M. J., see Morris, M. J.	
Westlin, W. F., see Miller, M. J. S.	
Whitty, M., see Jackson, B.	
Whitworth, J. A., Connell, J. M. C., Lever, A. F. and Fraser, R. Pressor responsiveness	
in steroid-induced hypertension in man	353
Wilkinson, D. L. and Scroop, G. C. The effect of naloxone on pressor responses to	
angiotensin II in anaesthetized greyhounds	179
Wilkinson, M. H., see Ritchie, B. C.	
Wisser, H., see Ratge, D.	
Wong, P. TH., Yoong, Y. L. and Gwee, M. C. E. Acute tolerance to diazepam induced	
by benzodiazepines	1
Wong, P. TH., see Yoong, Y. L.	
Wong, T., Morgan, T. O., Alcorn, D. and Ryan, G. B. Effect of sodium intake and	
sodium delivery to the macula densa on renal renin content and juxtaglomerular	
apparatus	26
Wong, T. M., see Lee, A. Y. S.	
Woodcock, E. A., see Leung, E.	
Wright, C. E., Angus, J. A. and Korner, P. I. Hypertension alters slope and range but not	
sensitivity to vasoconstrictor and vasodilator agents in the rabbit hindquarter	30
Wright, C. E., see Angus, J. A.	
Yamada, T., see Katakura, M.	
Yamagishi, F., Homma, N., Haruta, K., Iwatsuki, K. and Chiba, S. Effects of three	
purine-related compounds on pancreatic exocrine secretion in the dog	42:
Yamagishi, F., see Iwatsuki, K.	
Yasunari, K., see Kawarabayashi, T.	
Yeomans, N. D., see Sewell, R. B.	
Yoong, Y. L., Lee, H. S., Gwee, M. C. E. and Wong, P. TH. Acute tolerance to	
diazepam in mice: Pharmacokinetic considerations	153
Yoong, Y. L., see Wong, P. TH.	
Young, M. S., Iwanov, V. and Moulds, R. F. W. Interaction between platelet-released	
serotonin and thromboxane A2 on human digital arteries	143
Youssef, A. H., see Atef, M.	
Yukimura, T., see Katakura, M.	
Zhuo, J., Harris, P. J. and Skinner, S. L. Modulation of proximal tubular reabsorption by	
angiotensin II	27
Zimlichman, R., Goldstein, D. S., Eisenhofer, G., Stull, R. and Keiser, H. R. Comparison	
of noradrenaline and isoprenaline removal in the canine hindlimb and kidney	77
Ziogas, J., Story, D. F. and Rand, M. J. Effect of tetradecapeptide renin substrate on	
isolated preparations of rat caudal artery, guinea-pig atria and on pithed rat blood	
pressure	27



Contents

NUMBER 1, JANUARY

- 1 Acute tolerance to diazepam induced by benzodiazepines P. T. -H. Wong, Y. L. Yoong and M. C. E. Gwee
- 9 Influence of lowered temperature upon the response of prostatic and epididymal portion of the rat isolated vas deferens to field stimulation O. O. Ebong
- 17 Time course of changes in blood pressure, aldosterone and body fluids during enalapril treatment: A double-blind randomized study vs hydrochlorothiazide plus propranolol in essential hypertension A. Semplicini, G. P. Rossi, S. Bongiovì, F. Perissinotto, B. Samà, M. G. Mozzato and A. C. Pessina
- 25 Effects of acute versus chronic deletion of arterial baroreceptor input on the cardiovascular responses to exercise in the rabbit J. Ludbrook, W. F. Graham and S. J. Potocnik
- 39 The relationship between tissue levels of cyclic GMP and tracheal smooth muscle relaxation in the guinea-pig K. Suzuki, K. Takagi, T. Satake, S. Sugiyama and T. Ozawa
- 47 Aromatic L-amino acid decarboxylase: Histochemical localization in rat kidney and lack of effect of dietary potassium or sodium loading on enzyme distribution W. R. Adam, A. J. Culvenor, J. Hall, B. Jarrott and R. M. Wellard
- 55 Prevention and reversal of ouabain-induced cardiotoxicity by naloxone in the guinea-pig A. Y. S. Lee, T. W. K. Unang and T. M. Wong
- 59 Studies on the vasodilator actions of bucindolol in the rat J. F. Marwood and G. S. Stokes
- 69 Dynamic changes in plasma inactive renin levels in Bartter's syndrome after administration of captopril and angiotensin II H. Nagai, M. Matsunaga, K. Ogawa, C. H. Pak, K. Kanatsu, A. Hara, T. Kono and C. Kawai

Short Communications

- 77 Sar¹-leu³-angiotensin II reverses the effects of captopril on renal function in rats P. J. Harris, K. D. Mitchell and J. O. Munro
- 83 Characterization of thromboxane A₂ receptors in the human fetal placental vessels and umbilical vein A. L. A. Boura, N. M. Gude, R. G. King, K. K. -W. Mak and W. A. W. Walters
- 87 Comparison of the inhibitory effects of spermine, papaverine and adrenaline upon isolated segments of the rat small intestine

 J. S. Martin and M. F. Tansy

NUMBER 2, FEBRUARY

- 91 Distribution and kinetics of injected nickel in the pregnant rat A. Mas, M. J. Peligero, Ll. Arola and M. Alemany
- 97 Natriuretic and hypotensive effects of α-human atrial natriuretic polypeptide in anaesthetized DOCA-salt hypertensive rats K. Kondo, O. Kida, K. Kangawa, H. Matsuo and K. Tanaka
- 103 The mediators of allergic contraction of human airway smooth muscle: A comparison of bronchial and lung parenchymal strip preparations B. R. Creese and D. M. Temple

- 113 Influence of monensin on fertility in rats M. Atef, M. A. Shalaby, M. G. A. El-Sayed, S. El-Din, A. H. Youssef and M. A. I. El-Sayed
- 123 Mechanisms of captopril-induced potentiation of the depressor responses to arachidonic acid in rats S-C. G. Hui, S. Day and C. W. Ogle
- 131 Haemorrhage-induced secretion of active and inactive renin in conscious and pentobarbitoneanaesthetized sheep A. H. K. Mzail and A. R. Noble
- 139 Diclofenac sodium in the treatment of primary nocturnal enuresis: Double-blind crossover study N. S. AL-Waili
- 143 Interaction between platelet-released serotonin and thromboxane A₂ on human digital arteries M. S. Young, V. Iwanov and R. F. W. Moulds
- 153 Acute tolerance to diazepam in mice: Pharmacokinetic considerations Y. L. Yoong, H. S. Lee, M. C. E. Gwee and P. T.-H. Wong
- 159 Inhibition of acetylcholinesterase by various opioids M. K. Sim and M. E. Chua
- 163 No effect of atrial natriuretic factor on cardiac rate, force and transmitter release M. Hiwatari, K. Satoh, J. A. Angus and C. I. Johnston

Short Communications

- Neuromuscular blocking activity of a crude aqueous extract of Ipomoea fistulosa A. A. Abdelhadi, Y. M. Elkheir, T. Hassan and A. A. Mustafa
- 173 Allogeneic transfusion of macrophages in acute urinary tract infection N. S. AL-Waili and M. A. AL-Ani
- 177 Book Reviews

NUMBER 3, MARCH

- 179 The effect of naloxone on pressor responses to angiotensin II in anaesthetized greyhounds D. L. Wilkinson and G. C. Scroop
- 187 Verapamil-induced secretion of active and inactive renin in conscious sheep A. H. K. Mzail and A. R. Noble
- 195 Prostaglandin synthetase inhibition with indomethacin rectal suppositories in the treatment of acute and chronic urinary calculus obstruction N. S. AL-Waili
- 201 Development of hypertension and proteinuria with age in fawn-hooded rats M. H. M. Kuijpers, A. P. Provoost and W. de Jong
- 211 Autoradiographic analysis of (-)-[125]-CYP binding in mouse kidney R. Lew and R. J. Summers
- 223 Characterization of substance P-induced bronchoconstriction in the guinea-pig: A comparison with acetylcholine
 A. G. Stewart and M. R. Fennessy
- 233 Adrenocorticoid-dependent α-lactalbumin synthesis in rat mammary gland explants: Antagonist studies
 S. J. Ouirk, J. E. Gannell and J. W. Funder
- 241 Plasma and biliary disposition of pirenzepine in man S. P. Lee, J. W. Paxton and Y. S. Choong
- 249 Effects of endothelium-derived relaxing factor on the smooth muscle of the rat tail artery N. Kotecha and T. O. Neild

Short Communication

- 259 Effects of captopril on the sleep EEG of spontaneously hypertensive rats M. K. Sim, J. S. Hutchinson and M. E. Chua
- 265 Notice

NUMBER 4, APRIL

- Proceedings of the High Blood Pressure Research Council of Australia
- 267 Efect of sodium intake and sodium delivery to the macula densa on renal renin content and juxta-glomerular apparatus morphology
 T. Wong, T. O. Morgan, D. Alcorn and G. B. Ryan
- 271 Effects of tetradecapeptide renin substrate on isolated preparations of rat caudal artery, guinea-pig atria and on pithed rat blood pressure
 J. Ziogas, D. F. Story and M. J. Rand
- 277 Modulation of proximal tubular reabsorption by angiotensin II J. Zhuo, P. J. Harris and S. L. Skinner
- 283 Adrenaline and stress-induced increases in blood pressure in rats H. Majewski, P. I. Alade and M. J. Rand
- 289 Endothelium-dependent relaxation is unaltered by hypertension, cholesterol or intimal thickening J. A. Angus, C. E. Wright, T. M. Cocks, K. Satoh and G. Campbell
- 295 Echocardiographic measurement of left ventricular hypertrophy in treated essential hypertension E. Laufer, G. Jennings, E. Dewar, A. McKenzie and P. Korner
- 301 Hypertension alters slope and range but not sensitivity to vasoconstrictor and vasodilator agents in the rabbit hindquarter C. E. Wright, J. A. Angus and P. I. Korner
- 305 Effects of short-term modification of dietary sodium intake on plasma catecholamines and blood pressure in pre-hypertensive children P. R. C. Howe, P. F. Rogers, R. M. Smith and K. F. Jureidini
- 311 Captopril antagonizes the hypotensive action of atrial natriuretic peptide in the anaesthetized rat R. Di Nicolantonio, J. Stevens, D. Weaver and T. O. Morgan
- 315 The effect of regular alcohol use on blood pressure control in treated hypertensive subjects: A controlled study
 I. B. Puddey, L. J. Beilin and R. Vandongen
- 319 Preservation of renal function in the rat remnant kidney model of chronic renal failure by blood pressure reduction
 B. Jackson, L. Debrevi, R. Cubela, M. Whitty and C. I. Johnston
- 325 Distinguishing aldosterone-producing adenoma from other forms of hyperaldosteronism and lateralizing the tumour pre-operatively
 R. D. Gordon, S. M. Hamlet, T. J. Tunny, C. E. Gomez-Sanchez and L. S. Jayasinghe
- 329 The syndrome of hypertension and hyperkalaemia with normal GFR. A unique pathophysiological mechanism for hypertension? R. D. Gordon
- 335 Endothelium-dependent vasodilatation in bovine coronary arteries: calcium dependence and inhibition by proadifen
 P. S. Macdonald, P. N. Dubbin and G. J. Dusting
- 341 Plasma levels of atrial natriuretic peptide in man in primary aldosteronism, in Gordon's Syndrome and in Bartter's Syndrome T. J. Tunny, B. A. Higgins and R. D. Gordon
- 347 Influence of age, sex and weight on measurements of intracellular NA* and K* in essential hypertension
 P. M. Bramley, J. M. Paulin and J. A. Millar

- 353 Pressor responsiveness in steroid-induced hypertension in man J. A. Whitworth, J. M. C. Connell, A. F. Lever and R. Fraser
- 359 Stimulation of phosphatidylinositol metabolism in the heart E. Leung, C. I. Johnston and E. A. Woodcock
- 365 Evolution of renin
 B. J. Morris and D. F. Catanzaro
- 371 The effect of salt loading on blood pressure and eicosanoid metabolism of spontaneously hypertensive rats fed a fish oil enriched diet J. P. Codde, K. D. Croft and L. J. Beilin

NUMBER 5, MAY

- 377 Omeprazole: Effects on oxidative drug metabolism in the rat D. A. Henry, J. F. Gerkens, P. J. Brent and P. J. Dosen
- Factors influencing the effects of intravenous naloxone on arterial pressure and heart rate after haemorrhage in conscious rabbits
 P. C. Rutter, S. J. Potocnik and J. Ludbrook
- 399 Sympathetic denervation of the rat vas deferens following unilateral vasectomy R. M. DeGaris and J. N. Pennefather
- 407 Thyroidal response to an increase or decrease of endogenous TSH in patients with hyperthyroidism and its correlation with TSH binding inhibiting immunoglobulin M. Katakura, Y. Koizumi, T. Aizawa, N. Takasu, T. Yamada, Y. Yukimura and H. Nagata
- 417 Natriuretic effect of chronically administered α-human atrial natriuretic polypeptide in sodium depleted or repleted conscious spontaneously hypertensive rats K, Kondo, O. Kida, A. Sasaki, J. Kato and K. Tanaka
- 425 Effects of three purine-related compounds on pancreatic exocrine secretion in the dog F. Yamagishi, N. Homma, K. Haruta, K. Iwatsuki and S. Chiba

Short Communications

- 433 Effect of sodium nitroprusside on the biophase concentration of D-tubocurarine at the neuromuscular junction P. Chang and S. L. Geh
- 437 Plasma neuropeptide Y levels rise in patients undergoing exercise tests for the investigation of chest pain M. J. Morris, J. M. Elliott, M. D. Cain, V. Kapoor, M. J. West and J. P. Chalmers

NUMBER 6, JUNE

- 441 Further evidence of the role of cyclic AMP as a mediator of the depressant effects of β-adrenoceptor agonists and phosphodiesterase inhibitors on slow-contracting mammalian skeletal muscles Z. Merican, P. Morat, R. Dan and B. A. K. Khalid
- 447 A comparison of the effects of end-to-side portacaval shunting and side-to-side mesocaval shunting on hepatic haemodynamics in the dog
 S. A. Jenkins, A. Taylor, J. Johnson, S. K. Shimirty, J. N. Baxter and R. Shields
- 453 Action of almitrine bismesylate on ventilation-perfusion matching in cats and dogs with part of the lung hypoventilated R. A. Wach, G. W. Gill, A. J. Suggett, D. Bee and G. Barer

- 469 Brain noradrenaline and the development of hypertension: The effect of treatment with central 6-hydroxydopamine or DSP-4
 M. van den Buuse, D. H. G. Versteeg and W. de Jong
- 477 Relation of intramyocardial pressure to coronary pressure at zero flow H. N. Sabbah, M. Marzilli, Z. Liu and P. D. Stein
- 487 Effects of a synthesized phosphodiesterase inhibitor, ZSY-27, on pancreatic exocrine secretion of the dog K. Iwatsuki, F. Yamagishi and S. Chiba
- 495 Frusemide inhibition of sympathetic vasoconstriction in the rat in situ blood perfused mesentery S. J. Armsworth, J. F. Gerkens and A. J. Smith

Short Communication

- 505 Effects of arotinolol, an α- and β-adrenoceptor antagonist, on renin release from rat kidney cortical slices
 S. Morimoto, N. Miyawaki, Y. Sasaki and Y. Matsumura
- 511 Erratum

NUMBER 7, JULY

- 513 Lipemic and lipoproteinemic effects of natural and synthetic androgens in humans D. M. Crist, G. T. Peake and P. J. Stackpole
- 519 Temporal profile of tissue levels of dopamine and its metabolites, HVA and DOPAC following focal cerebral ischaemia in anaesthetized primates A. Kuruvilla, R. Cherian, D. R. Theodore and J. Abraham
- 525 Baroreflex sensitivity alteration following transient hemispheric ischaemia in rats: Protective effect of alphamethyldopa and guanfacine
 M. A. A. Saad, J. -L. Elghozi and P. Meyer
- 535 Effect of acute administration of prazosin on blood pressure, heart rate and plasma renin level in the conscious normotensive rat J. Atkinson, P. Luthi, M. Sonnay and N. Boillat
- 543 Free and conjugated catecholamines in human plasma during physical exercise D. Ratge, A. Gehrke, I. Melzner and H. Wisser
- 555 Acute and chronic pharmacokinetic studies of slow release ketoprofen (Oruvail) in rheumatoid arthritis
 N. Christophidis, A. Rotstein and W. J. Louis
- 563 Pressor sensitivity to angiotensin I and angiotensin II during the development of experimental renal hypertension in the rat A. E. Doyle, S. B. Harrap and J. Torresi

Short Communication

Treatment of diabetes mellitus by Artemisia herba-alba extract: Preliminary study N. S. D. Al-Waili

NUMBER 8, AUGUST

- 575 Editorial Clinical and Experimental Pharmacology & Physiology A. E. Doyle
- 577 Renal prostaglandin efflux induced by vasopressin, dDAVP and arachidonic acid: contrasting profile and sites of release M. J. S. Miller, W. F. Westlin, H. McNeill and J. C. McGiff

- 585 Arterial pressure and heart period in the conscious rabbit: diurnal rhythm and influence of activity V. Eijzenbach, J. H. J. Sneek and C. Borst
- 593 The cardiovascular effects of trimazosin and prazosin in the rabbit J. Vincent, C. A. Hamilton and J. L. Reid
- 609 Effect of L-thyroxine on serum angiotensin converting enzyme activity in sheep P. Verma, S. Noble and R. Miller
- 613 Cimetidine and ranitidine: a study of competitive and ion-channel blockade in the toad isolated rectus abdominis muscle M. C. E. Gwee, L. S. Cheah and M. L. Shoon
- 619 Cardiovascular effects of isosorbide dinitrate infused intravenously into anaesthetized dogs O. Kuromaru and K. Sakai
- 629 Prostanoid concentrations in human CSF following acute ischaemic brain infarction S. C. Fagan, D. Castellani and F. M. Gengo
- 633 Book Reviews

NUMBER 9, SEPTEMBER

- 637 Streptokinase alters myocardial creatine kinase depletion after ischaemia and reperfusion in rabbits J. K. Mickelson, C. J. Carlson, W. Margaretten and E. Rapaport
- 647 Nuclear localization of Type 1 aldosterone bindings sites in steroid-unexposed GH₃ cells P. T. Pearce, M. McNally and J. W. Funder
- 655 Accelerated progression of diabetic nephropathy in the spontaneously hypertensive streptozotocin diabetic rat M. E. Cooper, T. J. Allen, G. Jerums and A. E. Doyle
- 663 Effects of substance P on pancreatic exocrine secretion stimulated by secretin, dopamine and cholecystokinin in dogs
 K. Iwatsuki, F. Yamagishi and S. Chiba
- 671 Effects of total and selective portasystemic shunting on hepatic haemodynamics and some aspects of liver function in the cirrhotic rat S. A. Jenkins, J. N. Baxter, P. Devitt and R. Shields
- 681 Characterization of angiotensin converting enzyme from rat tissue by radio-inhibitor binding studies B. Jackson, R. Cubela and C. I. Johnston
- 691 Attenuation of pressor responses to sympathetic stimuli in the rat by enalapril M. P. Rechtman, E. J. N. Ishac, A. L. A. Boura, R. G. King and W. A. W. Walters
- 699 Notice

NUMBER 10, OCTOBER

- 707 Naloxone attenuates augmentation of cAMP levels and arrhythmias following myocardial ischaemia and reperfusion in the isolated perfused rat heart A. Y. S. Lee and T. M. Wong
- 711 Adenosine receptors in post-mortem human cerebral cortex and the effect of carbamazepine P. R. Dodd, W. E. J. Watson and G. A. R. Johnston
- 723 The effects of 4-methyl-2-thiouracil on fibre type and cross-sectional area in the soleus muscle of the rat M. H. Rajikin, Z. Merican and P. Morat

- 731 Influence of alcohol and caffeine consumption on caffeine elimination J. George, T. Murphy, R. Roberts, W. G. E. Cooksley, J. W. Halliday and L. W. Powell
- 737 Studies on the cytotoxicity of penicillamine in a rat osteogenic sarcoma W. Cosolo, N. Christophidis, O. H. Drummer and D. M. Findlay

Short Communication

- 745 Ethanol impairs biliary lysosomal enzyme release in rats R. B. Sewell, S. A. Grinpukel and N. D. Yeomans
- 751 Book Review

NUMBER 11/12, NOVEMBER/DECEMBER

- 753 Persistent effects on blood pressure and renal haemodynamics following chronic angiotensin converting enzyme inhibition with Perindipril S. B. Harrap, J. A. Nicolaci and A. E. Doyle
- 767 Prevention of DOCA-induced hypertension in rats by chronic treatment with tryptophan M. J., Fregly and D. C. Fater
- 777 Comparison of noradrenaline and isoprenaline removal in the canine hindlimb and kidney R. Zimlichman, D. S. Goldstein, G. Eisenhofer, R., Stull and H. R. Keiser
- 783 Erythrocyte water content in spontaneously hypertensive rats and DOCA-salt hypertensive rats T. Kawarabayashi, K. Yasunari, Y. Kanayama, K. Takeuchi and T. Takeda
- 791 Propanolol ameliorates exercise-induced regional myocardial dysfunction in dogs N. Mayer, G. Krumpl, W. Schneider and G. Raberger
- 801 Effect of calcium withdrawal and agents affecting calcium translocation on agonist-induced contractions of the rabbit overian artery
 M. A. Oriowo and J. A. Bevan
- 811 The effect of high frequency oscillatory ventilation on extravascular lung water in the rabbit B. C. Ritchie, V. Brodecky, A. Scott and M. H. Wilkinson
- 819 Captopril does not potentiate hypotension and algesia by substance P S-C. G. Hui and C. W. Ogle

Short Communication

- 823 Influence of ethanol treatment on the plasma concentrations of prolactin and luteńizing hormone in turkeys (Meleagris gallopavo)
 B. H. Ali, C. M. Czarnecki and M. E. EL Halawani
- 827 Aldosterone responses to ACTH during hypoxia in conscious rats H. Raff and K. J. Chadwick
- 831 Book Review
- 832 Notice
- 833 Referees
- 835 Author Index to Volume 13